



IAP/Rec'd PCT/PTO 12 JUN 2006

PTO/SB/21 (09-04)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

20

Application Number	10/531,752
Filing Date	April 18, 2005
First Named Inventor	Keith R. Minnich
Art Unit	
Examiner Name	

Attorney Docket Number

4553-00013

ENCLOSURES (Check all that apply)			
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1) Return Receipt Postcard; 2) Petition Under 37 CFR 1.47 to Accept Filing When Inventor Refuses to Sign; and 3) Statement of Facts in Support of Filing on Behalf of Nonsigning Inventor (37 CFR 1.147)	
<input type="checkbox"/> Remarks			
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Andrus, Sceales, Starke & Sawall, LLP		
Signature			
Printed name	Thomas M. Wozny		
Date	June 9, 2006	Reg. No.	28,922

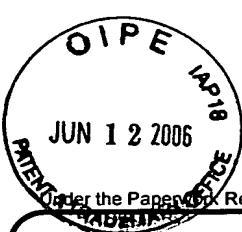
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Dorothy A. Hauser	Date	June 9, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2006

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **\$1,240.00**

Complete if Known

Application Number	10/531,752
Filing Date	April 18, 2005
First Named Inventor	Keith R. Minnich
Examiner Name	
Art Unit	
Attorney Docket No.	4553-00013

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: **01.2000** Deposit Account Name: Andrus, Sceales, Starke & Sawall, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

<u>Application Type</u>	FILING FEES		SEARCH FEES		EXAMINATION FEES		<u>Fees Paid (\$)</u>
	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>		
	- 20	= _____	x _____	<u>Fee (\$)</u>	<u>Fee (\$)</u>	
				HP = highest number of total claims paid for, if greater than 20.	50	25
<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>		200	100

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 100 = _____	/ 50 = _____	(round up to a whole number) x _____	= \$0.00	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Extension (\$795); Missing Part (\$65); Additional Claims (\$250) and Petition (\$130) **\$1,240.00**

SUBMITTED BY

Signature	<i>Thomas M. Wozny</i>	Registration No. (Attorney/Agent) 28,922	Telephone 414-271-7590
Name (Print/Type)	Thomas M. Wozny		Date June 9, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/531,752
Applicant : Keith R. Minnich et al

Filed : April 18, 2005
Title : Method and Apparatus
for High Efficiency
Evaporation Operation

TC/A.U. :
Examiner :

Docket No. : 4553-00013

) CERTIFICATE OF MAILING
) I hereby certify that this correspondence is
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) Alexandria, VA 22313-1450, on this
) 9th day of June, 2006.
)
)
) Dorothy A. Hauser 9 June 2006
) Dorothy A. Hauser Date

SUBMISSION OF MISSING PARTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the "Notice to File Missing Parts of Application – Filing Date Granted" mailed December 12, 2005 (copy attached), a four (4) month extension of time being hereby requested in a separate attachment which is included, enclosed for filing in the above application are:

1. A Declaration in this application executed by two of the three joint inventors. The Declaration includes the names of the inventors and the title of the invention, and the U.S. serial number and filing date assigned to this patent application, as well as the international application number and international filing date assigned to this application. In accordance with the Commissioner's announcement in 1035 OG 3, the undersigned registered attorney states that the application now identified by Application No. 10/531,752 is the application that the inventors reviewed and executed by signing the attached Declaration.

Application No. 10/531,752
Applicants: Keith R. Minnich et al
Attorney Docket No. 4553-00013

2. A Petition (with attachments) under 37 CFR 1.47(a) to accept filing when one of the joint inventors refuses to sign that is being filed on even date herewith.
3. A check in the amount of \$1,240.00 consisting of \$795.00 for a four month extension of time fee and \$65.00 for the surcharge as set forth in 37 CFR 1.16(e), \$130.00 for filing a Petition under 37 CFR 1.47 to accept filing when an inventor refuses to sign, and \$250.00 for additional claim fees. Kindly charge any additional fees under 37 C.F.R. §1.16 or 1.17 incurred in connection with this application to Andrus, Sceales, Starke & Sawall, LLP Deposit Account No. 01.2000. A duplicate copy of this submission is attached.

Issuance of a filing receipt and advancement of the application to examination is respectfully requested.

Respectfully submitted,

ANDRUS, SCEALES, STARKE & SAWALL, LLP

By 
Thomas M. Wozny
Reg. No. 38,922

Andrus, Sceales, Starke & Sawall, LLP
100 East Wisconsin Avenue, Suite 1100
Milwaukee, WI 53202
(414) 271-7590
Attorney Docket No.: 4553-00013


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/531,752	Keith R MINNICH	4553-00013

INTERNATIONAL APPLICATION NO.

PCT/US03/33066

I.A. FILING DATE	PRIORITY DATE
10/17/2003	10/18/2002

CONFIRMATION NO. 6059
371 FORMALITIES LETTER


OC000000017632257

Date Mailed: 12/12/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 04/18/2005
- Copy of the International Search Report filed on 04/18/2005
- Preliminary Amendments filed on 04/18/2005
- Information Disclosure Statements filed on 07/27/2005
- U.S. Basic National Fees filed on 04/18/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$250 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$315 for a Small Entity:

- \$65 Surcharge.
- Total additional claim fee(s) for this application is \$ 250
 - \$250 for 117 total claims over 20.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

FRANCINE YOUNG

Telephone: (703) 308-9140 EXT 215

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/531,752	PCT/US03/33066	4553-00013

FORM PCT/DO/EO/905 (371 Formalities Notice)